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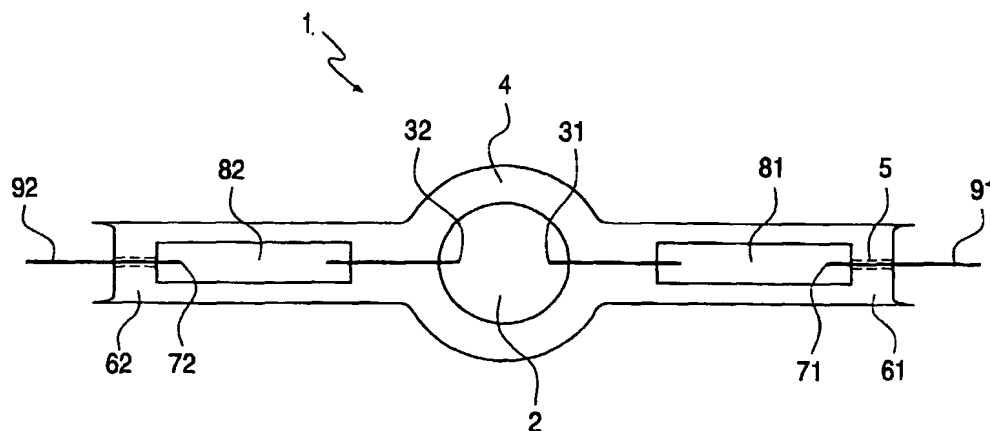
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(54) Title: HIGH-PRESSURE GAS-DISCHARGE LAMP



(57) **Abstract:** The invention relates to a high-pressure gas-discharge lamp, having at least one gastight fused press-seal (61, 62) between a glasslike material and molybdenum, wherein the molybdenum in the fused press-seal (61, 62) is at least partly exposed to an oxidizing environment and at least that part of the molybdenum (5) that is exposed to the oxidizing environment is covered with a coating, and the coating comprises at least one oxide from among Fethe invention relates to a high-pressure gas-discharge lamp, having at least one gastight fused press-seal between a glasslike material and molybdenum, wherein the molybdenum in the fused press-seal is at least partly exposed to an oxidizing environment and at least that part of the molybdenum that is exposed to the oxidizing environment is covered with a coating, and the coating comprises at least one oxide from among Fe_2O_3 , Ta_2O_5 , Nb_2O_5 , Al_2O_3 , ZrO_2 , TiO_2 , HfO_2 , and/or one nitride from among TiN , ZrN , HfN , AlN , BN , and/or one carbide from among TiC , ZrC , HfC , VC , NbC , TaC , B_4C .

WO 2004/032181 A3



Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01J H01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 265 817 B1 (STEINMANN MAARTEN W ET AL) 24 July 2001 (2001-07-24) claims 1-3 column 4, lines 61-63 figures 2,2a	1-3,8,9
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Y	US 3 105 867 A (MEIJE RIKSTERUS AUGUSTE JOHANNES MARIA) 1 October 1963 (1963-10-01) claim 1	3



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Patent family members are listed in annex.

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